

Converting Colors

Hex(230650)

Have a look what the booklet for
Hex(230650) contains.

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Color

Hex(230650)

Conversions

Conversions Part 1

Format	Color
Hex	230650
RGB	35, 6, 80
RGB Percent	14%, 2%, 31%
CMY	0.8627, 0.9765, 0.6863
CMYK	0.56, 0.92, 0.00, 0.69
HSL	264°, 86%, 17%
HSV	264°, 92%, 31%
XYZ	2.2062, 1.0668, 7.6790
YIQ	23.1070, -6.4700, 29.1620

Conversions

Conversions Part 2

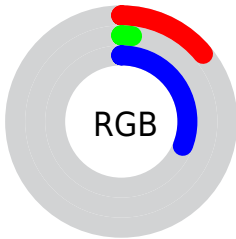
Format	Color
RYB	35, 6, 80
Decimal	2295376
CIELab	9.54, 32.56, -38.60
CIELCh	10, 50.503, 310.146
Yxy	1.0668, 0.2014, 0.0974
Android (android.graphics.Color)	4280485456 (0xFF230650)
YUV	23.1070, 28.0482, 10.4302
Hunter-Lab	10.3284, 20.0542, -36.8514

Details

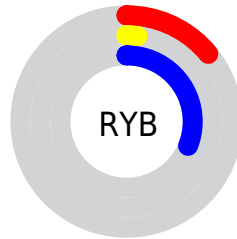
The Hex color **230650** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **335006**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **563482**, and **000222** is the 20% darker color. If you saturate the color by 10%, you get **1F0050**, and if you desaturate by 10%, it is **280E50**.

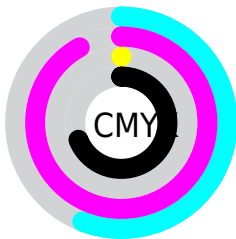
Distribution



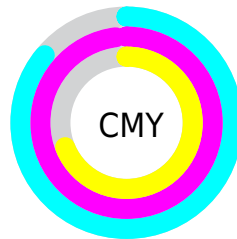
- Red (14%)
- Green (2%)
- Blue (31%)



- Red (14%)
- Yellow (2%)
- Blue (31%)



- Cyan (56%)
- Magenta (92%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (98%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 230650 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 230650 by changing the saturation by 10% instead.

■ 230650

■ 230650

■ FFEBFF

■ 100039

■ 563482

■ 000222

■ 704C9D

■ 000008

■ 8B64B8

■ 000000

■ A67DD4

■ C298F0

■ DEB3FF

■ FBCEFF

■ 230650

■ 230650

■ 1F0050

■ 280E50

■ 2D1650

■ 321E50

■ 362650

■ 3B2E50

■ 403650

■ 453E50

■ 4A4650

■ 4F4E50

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



001D60



230650



480032

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230650



340F00



002826

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



230650



335006

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002700



230650



181D00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230650



480000



002400



002947

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230650



50001C



002400



00271A

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



230650



574B69



063450



2A2336



B5B5B5



363636

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



230650



290069



470650



262529



5B00E8

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



500633



690040



0F5006



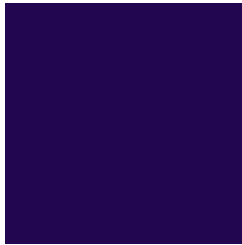
292527



E8008D

Previews

White Background



This preview shows how the Hex color 230650 looks on a white background.

Color Contrast Check

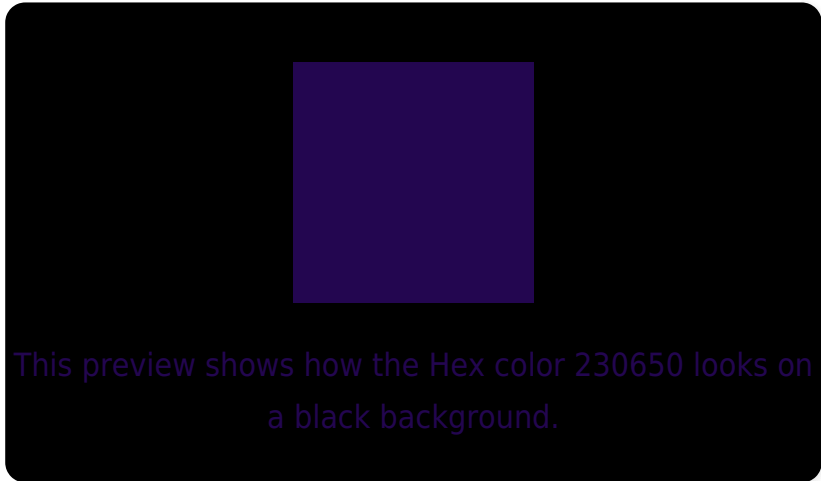
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

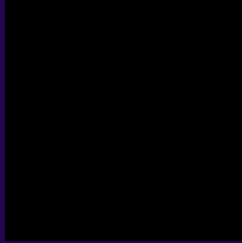
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 230650 Background



This preview shows how black text looks on a background with the Hex color 230650.



This preview shows how white text looks on a background with the Hex color 230650.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
230650

Protanopia
001C3C

Deuteranopia
001E33

Trichromacy



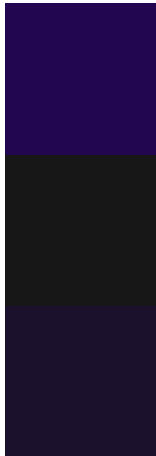
Original Color
230650

Protanomaly
0D1443

Deuteranomaly
0D153E

Tritanomaly
181633

Monochromacy



Original Color
230650

Achromatopsia
171717

Achromatomaly
1B112C

CSS Examples

Text

The CSS property to change the color of the text to Hex 230650 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #230650 looks like.

```
.text, #text, p{  
    color:#230650  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #230650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #230650
}
```

Border

The CSS property to change the border of an element to Hex 230650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#230650 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#230650 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #230650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #230650; -webkit-box-shadow:4px 4px  
4px 4px #230650; box-shadow:4px 4px 4px  
4px #230650 }
```

Background

The CSS property to change the background color of an element to Hex 230650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#230650 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#230650 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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